ABSTRACT

An in-vehicle system for tracking events that occur at specific locations of a transportation route and alerting a driver of an impending significant event includes a location determination unit for determining an instantaneous location of the vehicle, and an event determination unit coupled to the location determination unit and responsive to the instantaneous location of the vehicle for communicating with an events database for obtaining an impending traffic sign that the vehicle is about to confront based on the vehicle's instantaneous location. A decision module coupled to the event determination unit is responsive to current parameters of the vehicle for determining whether the current parameters of the vehicle are conducive to safe driving based on the impending event, and a warning unit coupled to the decision module is responsive to at least one current parameter of the vehicle not being conducive to safe driving for alerting the driver of the impending event.